

Medical support system with satellite communication function in diagnosis treatment and consultation for patient at remote place - in which transmission and reception of audio and image data about patients medical examination is carried out

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Patent Family

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Abstract:

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The system comprises a portable video conference unit (102) in which a loop type multi point conference is possible. A nurse (104) visits a patient (108) in the home with this portable conference unit and a portable medical appts unit (103). A medical support vehicle (105) in which a satellites communication is possible, is connected with this portable video conference unit and the medical appts. A number of doctors (109) at remote places are connected with the communicational network of a communication satellite (106) and a ground communication network (112) via the medical support vehicle.

Thereby, the patient's medical data is transmitted to the doctor and he analyses the received data. The communication between the doctor and the nurse or the patients is bidirectional thereby the transmitting and receiving of an audio, an image and the data about the patient's medical examination is carried out.

ADVANTAGE - Enables number of doctors in different places to provide medical assistance and examine patient in home. Provides bidirectional communication with audio and video data.

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